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NPIC/R-86/62 June 1962

OAK FILES)

PHOTOGRAPHIC INTERPRETATION REPORT

OAK - PART II MISSION 9035 30 MAY-2 JUNE 1962

Declass Review 2 NIMA/DoD









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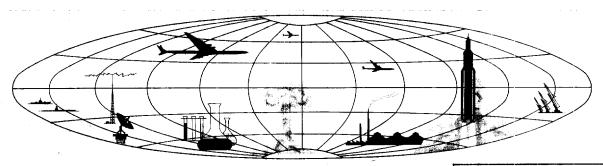
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OAK-PART II MISSION 9035

PREFACE

THIS IS THE SECOND OF AN ESTIMATED 4 DAILY OAK REPORTS BASED ON MISSION 9035 AND DEALING WITH THE HIGHEST-PRIORITY INTELLIGENCE ITEMS APPEARING IN THE COMOR TARGET LIST. THIS REPORT, COVERING THE OAK-REPORTING PERIOD FROM 1430 HOURS 7 JUNE 1962 TO 1430 HOURS 8 JUNE 1962; PRESENTS INFORMATION ONLY ON THOSE COMOR TARGETS OBSERVED ON THE PHOTOGRAPHY. TARGETS WHICH COULD BE IDENTIFIED BUT NOT INTERPRETED, BECAUSE OF LIMITING CONDITIONS, ARE ALSO INCLUDED. LISTS OF COMOR TARGETS NOT OBSERVED OR NOT COVERED BY THE PHOTOGRAPHY WILL BE INCLUDED IN THE FINAL OAK REPORT ON MISSION 9035.

TARGETS ARE ARRANGED IN THE OAK BY SUBJECT. AND WITHIN EACH SUBJECT BY COMOR TARGET NUMBER. TARGETS OF OPPORTUNITY OBSERVED DURING THE OAK-REPORTING PERIOD ARE LISTED NUMERICALLY UNDER THE APPROPRIATE SUBJECT FOLLOWING THE LISTING OF COMOR TARGETS.

THE NAMES WHICH APPEAR IN THE HEADERS FOR MRBM SITES ARE THE NAMES WHICH CONFORM WITH TDI CRITERIA (REFERENCE -- NAMING OF SURFACE-TO-SURFACE INSTALLATIONS, J2DM-35-62, 14 FEB 62).

SELECTED PHOTOGRAPHIC REFERENCES ARE GIVEN FOR EACH TARGET OBSERVED AND REPORTED FOLLOWING THE DESCRIPTION OF THE TARGET. PASS NUMBERS ARE PREFIXED WITH EITHER AN A FOR ASCENDING (SOUTH-TO-NORTH) OR D FOR DESCENDING (NORTH-TO-SOUTH). THE LETTER F PRECEDING FRAME NUMBERS INDICATES THE FORWARD CAMERA, AND THE LETTER A PRECEDING FRAME NUMBERS INDICATES THE AFT CAMERA. UNIVERSAL REFERENCE GRID (X-Y) COORDINATES ARE GIVEN IN PARENTHESES FOLLOWING THE FRAME TO WHICH THEY APPLY. THIS GRID IS IDENTIFIED AS KH-4 (1) APRIL 1962.

ALL TARGETS IN THIS REPORT ARE LOCATED IN THE USSR UNLESS OTHERWISE INDICATED.

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NOTE -- OAK RECIPIENTS ARE CAUTIONED THAT THE INITIAL SCAN OF PHOTOGRAPHY FROM MISSION 9035 IS BEING ACCOMPLISHED IN A SHORT TIME AND OFTEN WITHOUT THE AID OF PREGISE ANALYTICAL AND MENSURAL EQUIPMENT COMMONLY EMPLOYED IN DETAILED PHOTOGRAPHIC ANALYSIS. CONSEQUENTLY, ALTHOUGH THE INFORMATION PRESENTED HEREIN IS ESSENTIALLY ACCURATE, FUTURE DETAILED ANALYSIS MAY SOMEWHAT ALTER PORTIONS OF THE INFORMATION.

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SUMMARY

STATUS OF COMOR TARGET READOUT
A TOTAL OF 40 TARGETS WERE OBSERVED DURING THE CURRENT REPORTING
PERIOD AND ARE COVERED BY THIS REPORT.

SUMMARY OF MISSILE ACTIVITY

THE FOLLOWING IS A COMPILATION OF MISSILE LAUNCH FACILITIES (INCLUDING PROBABLES AND POSSIBLES) OBSERVED TO DATE ON MISSION 9035. THIS COMPILATION INCLUDES ONLY THOSE FACILITIES WHICH HAVE BEEN IDENTIFIED FOR THE FIRST TIME FROM PHOTOGRAPHY ——

TYPE	PART I	PART II	TOTAL
ICBM LAUNCH AREAS MRBM LAUNCH SITES SA-3 SAM LAUNCH SITES	2	Ø	2
	7	4	11
	2	Ø	2

HIGHLIGHTS

FOUR MRBM LAUNCH SITES HAVE BEEN IDENTIFIED, TWO NEAR BRODY (BONUS 1 & 2) AND TWO NEAR PINSK

ONE STATIC TEST STAND HAS BEEN IDENTIFIED 10.5 NM EAST OF PERM

25X1A

25X1A

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MISSILES

POLYARNYY URAL SUSPECT ICBM AREA 6703N 06524E 25X1A A SEARCH WITHIN 50 NM RADIUS OF POLYARNYY URAL REVEALED NO SSM ACTIVITY. 50 PERCENT CLOUD COVER AND SNOW PRECLUDE A COMPLETE SEARCH OF THE AREA. 25X1D 25X1A KOSTROMA ICBM LAUNCH COMPLEX 5750N 04122E KOSTROMA ICBM COMPLEX IS CLOUD COVERED EXCEPT FOR LAUNCH AREA D WHICH IS INDISTINCT BECAUSE OF CLOUD SHADOW AND HAZE. HOWEVER, A POSSIBLE MISSILE-READY BUILDING UNDER CONSTRUCTION IS DISCERNIBLE BEHIND THE EAST PAD AT LAUNCH AREA D. 35 NM SEARCH AREA IS 90 PERCENT CLOUD COVERED. NO EVIDENCE OF ICBM ACTIVITY IN VISIBLE PORTION. 25X1D LAUNCH AREA D -- 58-05N 041-40E (X20.8-Y4.9) 25X1D 25X1A PERM ICBM LAUNCH COMPLEX 5742N Ø5619E THERE IS NO APPARENT EXPANSION AT THE PERM ICBM COMPLEX, HOWEVER SCATTERED CLOUDS THROUGHOUT THE COMPLEX AREA PRECLUDE COMPLETE INTERPRETATION. PROHIBIT DETERMINATION OF STATUS OF COMPLEX MAIN ROAD. LAUNCH AREA A AND ITS ASSOCIATED SUPPORT AREA SHOW NO 25X1D CHANGE SINCE EXCEPT FOR A SECOND READY BUILDING: THIS LAUNCH AREA APPEARS COMPLETE. 25X1D LAUNCH AREA B SHOWS LITTLE OR NO CHANGE SINCE AND APPEARS TO BE STILL UNDER 25X1D CONSTRUCTION. THE COMPLEX SUPPORT FACILITY AND RAIL-TO-ROAD TRANSFER POINT APPEAR COMPLETE. CLOUDS PRECLUDED IDENTIFICATION OF ADDITIONAL SSM FACILITIES, 25X2 OR SAM DEFENSES WITHIN A 35 NM RADIUS OF THE TARGET. PHOTO REFERENCES FOR SIGNIFICANT ITEMS ARE AS FOLLOWS ---25X1D LAUNCH AREA A (X34.7-Y2.7) LAUNCH AREA B (X31.6-Y2.1)

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		NPIC/R-86/
25X1D	COMPLEX SUPPORT (X35.6-Y3.6) TRANSFER POINT (X35.3-Y3.4)	
25X1D		
25X1A .	STOROYE IBRAYKINO SUSPECT SSM AREA 5452N Ø51Ø	2 E
25X1D	NO SUSPECT MISSILE ACTIVITY WITHIN A 60 NM RADITOWN. ONE THIRD OF CIRCULAR AREA (WEST PART) (COVERED. NO SAM OBSERVED IN VICINITY OF TOWN COSTOROYE IBRAYKINO.	JAT .
23/10		
25X1A	GORKIY SUSPECT SSM AREA 5617N Ø4355E	
25X1D	A SEARCH OF THE PRINCIPAL RAIL LINES AND SPURS A 50 NM RADIUS OF GORKIY REVEALED NO SSM ACTIVI PERCENT OF THE AREA WAS COVERED BY SCATTERED CL	TV. Ea
25/10		
25X1A	NOVOSIBIRSK SUSPECT SSM AREA 5502N 08256E	
25X1D	NO SSM ACTIVITY NOTED IN CLEAR AREAS WITHIN 50 RADIUS OF NOVOSIBIRSK. HOWEVER, 80 PERCENT OF AREA WAS CLOUD COVERED.	NM THE
20/(12		
25X1A	SOVETSKAYA GAVAN SUSPECT MRBM AREA 4859N 140201	<u> </u>
25X1D	NO MRBM ACTIVITY IDENTIFIED WITHIN A 25 NM RADIO SOVETSKAYA GAVAN. NUMEROUS MILITARY AND STORAGE INSTALLATIONS OBSERVED.	JS OF E
25X1A	UZHGOROD/PERECHIN SUSPECT MRBM AREA 4837N Ø2218	Ε
	THE EASTERN HALF OF SEARCH AREA IS COVERED BY PHOTOGRAPHY. HAZE AND SCATTERED GLOUDS HAMPERS	

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INTERPRETATION. NO SSM ACTIVITY NOTED OTHER THAN THE MUKACHEVO MRBM LAUNCH COMPLEX.

25X1D MUKACHEVO MRBM LAUNCH SITE 1 4819N Ø2231E 25X1A SITE APPEARS COMPLETE. 25X1D KHYROV/SAMBOR SUSPECT MRBM AREA 4932N Ø225ØE 25X1A NO SSM ACTIVITY WAS NOTED IN THE SEARCH AREA OTHER THAN THE PREVIOUSLY IDENTIFIED DROGOBYCH MRBM LAUNCH SCATTERED CLOUDS HAMPER INTERPRETATION. COMPLEX. 25X1D KRAKOVETS/YAVOROV SUSPECT MRBM AREA 4958N Ø231ØE 25X1A NO SSM ACTIVITY NOTED WITHIN THE SEARCH AREA. SCATTERED CLOUDS HAMPER INTERPRETATION. 25X1D GRANOV MRBM LAUNCH SITE 4856N Ø293ØE 25X1A NO MATCHING SITE CAN BE IDENTIFIED. AN UNIDENTIFIED ACTIVITY IN FOREST 6.5 NM SOUTH OF THE GRANOV SITE X13.5-Y4.4) CONTAINS AT LEAST 6 BUILDINGS. 25X1D 25X1D NADVORNAYA SUSPECT MRBM AREA 4835N Ø2436E 25X1A THIS INSTALLATION IS DEFINITELY NOT AN MRBM LAUNCH SITE. IT IS A PROBABLE MISSILE SUPPORT AREA AND CONSISTS OF AT LEAST 3 LARGE BUILDINGS AND SEVERAL SMALLER BUILDINGS. 25X1D

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25X1A

MUKACHEVO MRBM LAUNCH SITE 2 4820N 02238E

IDENTIFICATION ONLY.

25X1D

25X1A

JONAVA MRBM LAUNCH SITE 5501N 02414E

THE SCALE OF PHOTOGRAPHY AND IMAGE QUALITY PRECLUDE DETERMINING THE STAGE OF CONSTRUCTION. PART OF THE AREA IS CLOUD COVERED. PREVENTING A COMPLETE SEARCH FOR A MATCHING SITE.

25X1D

25X1A

PINSK SUSPECT MRBM AREA 5209N 02607E

TWO RECTANGULAR MRBM LAUNCH SITES HAVE BEEN NEWLY IDENTIFIED 14.5 NM WNW OF PINSK. ONE SITE IS 5.8 NM NE OF IVANOVO AT 52-10-40N 025-41-05E. THE 4 PADS ARE ORIENTED ENE/WSW. THE ACCESS ROAD APPEARS TO JOIN A ROAD LEADING TO PINSK AIRFIELD. THE SUPPORT AREA LIES SE OF THE SITE, BUT HAZE PREVENTS A BUILDING COUNT.

THE SECOND SITE IS 8.0 NM SE OF MOTOL AT 52-12-40N 025-44-40E. IT IS 3.0 NM NE OF THE MATCHING IVANOVO MRBM LAUNCH SITE. THE 4 PADS ARE ALSO ORIENTED ENE/WSW. THE ACCESS ROAD ALSO APPEARS TO JOIN THE ROAD TO PINSK AIRFIELD. THE SUPPORT AREA LIES SE OF THE SITE, ALTHOUGH INDIVIDUAL BUILDINGS ARE NOT IDENTIFIABLE. HAZE PRECLUDES DETERMINING STAGE OF CONSTRUCTION.

IVANOVO MRBM LAUNCH SITE -- X37.1-Y2.2 MOTOL MRBM LAUNCH SITE -- X36.7-Y1.6

25X1D

25X1A

ROVNO SUSPECT MRBM AREA 5037N 02615E

THE WESTERN HALF OF THE SEARCH AREA IS COVERED BY CLEAR PHOTOGRAPHY WITH NO MISSILE ACTIVITY NOTED.

25X1D

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25X1A	KARA-BABAU MRBM LAUNCH SITE 2 4433N Ø7746E
25X1D	THE SITE APPEARS COMPLETE.
25X1A	UKMERGE MRBM LAUNCH SITE 1 5511N Ø2442E
25X1D	THE SMALL SCALE AND IMAGE QUALITY PRECLUDE DETERMINING THE STAGE OF CONSTRUCTION.
25X1A	LIDA MRBM LAUNCH SITE 1 5347N Ø2521E
25X1D 25X1D	LAUNCH SITE 1 HAS A MODIFIED INLINE CONFIGURATION DESIGNATED AS THE L-TYPE (IDENTIFIED AS SUCH ON HAZE PRECLUDES DETERMINING THE STAGE OF CONSTRUCTION; AND THE SITE GANNOT BE COMPARED WITH LIDA 2. THE AZIMUTH OF ROADS SERVING THE PADS IS GENERALLY ENE/WSW.
25X1D	GENERALLI LINE WOW
25X1A	LIDA MRBM LAUNCH SITE 2 5357N Ø2528E
	HAZE PRECLUDES DETERMINING STAGE OF CONSTRUCTION, AND COMPARING SITE WITH LIDA MRBM LAUNCH SITE 1. AZIMUTH OF ROADS SERVING PADS IS APPROXIMATELY ENE/WSW.
25X1D	
25X1A	VSELYUB MRBM LAUNCH SITE 1 5346N Ø2543E
	THE SITE HAS A MODIFIED RECTANGULAR CONFIGURATION. HAZE PRECLUDES THE DETERMINATION OF THE STAGE OF CONSTRUCTION AND COMPARISON WITH LIDA 2. THE AZIMUTH OF ROADS SERVING THE PADS IS ENE/WSW.
25X1D	

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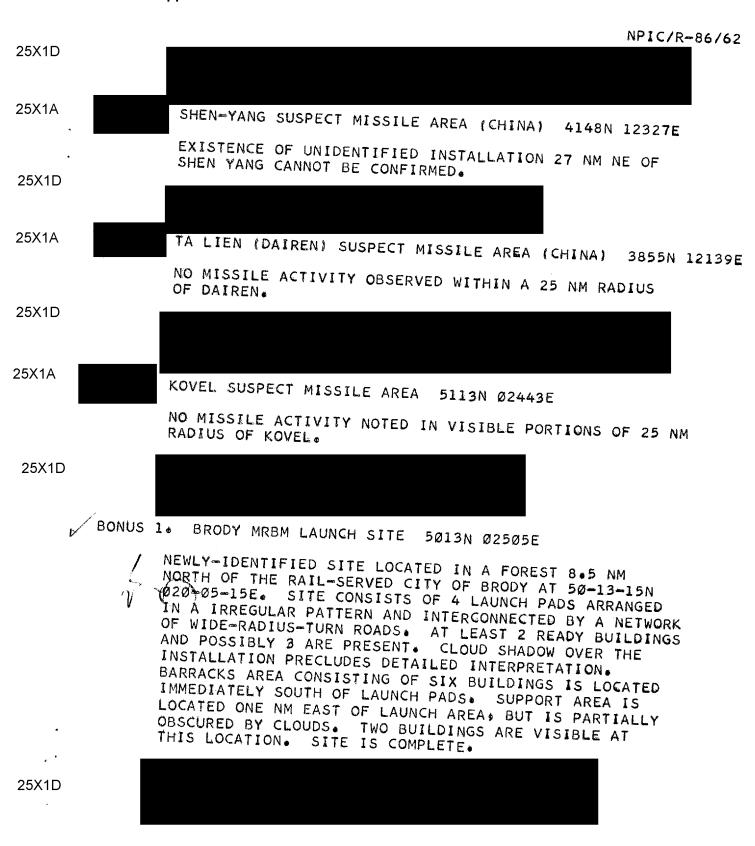
		NPIC/R-86/62
25X1A		VSELYUB MRBM LAUNCH SITE 2 5348N Ø2546E
		CONFIGURATION IS MODIFIED RECTANGULAR. HAZE PRECLUDES DETERMINATION OF THE STAGE OF CONSTRUCTION. SITE CANNOT BE COMPARED WITH LIDA LAUNCH SITE 2. BECAUSE LATTER SITE IS COVERED BY HAZE. ORIENTATION OF THE ROADS SERVING PADS IS ENE/WSW.
25X1D-	/	
25X1A		BEREZOVKA MRBM LAUNCH SITE 5336N Ø2526E
25V4D	`	HAZE PRECLUDES THE DETERMINATION OF THE STAGE OF CONSTRUCTION (DYATLOVO MRBM SITE IS GLOUD COVERED). AZIMUTH OF ROADS SERVING LAUNCH PADS IS NE/SW.
25X1D	``	
25X1A		IECAVA MRBM LAUNCH SITE 2 5639N Ø24Ø8E
25X1D 25X1D	`	THIS SITE IS STILL UNDER CONSTRUCTION. THE FOLLOWING CHANGES WERE DISCERNIBLE SINCE AT LEAST 2 READY BUILDINGS HAVE BEEN COMPLETED, THE ROAD PATTERN IS MORE COMPLETE, THE LAUNCH PADS ARE BETTER DEFINED, AT LEAST 8 BUILDINGS HAVE BEEN COMPLETED IN THE SUPPORT AREA, AND THE BRIDGE ON THE SERVICE ROAD APPEARS TO HAVE BEEN COMPLETED.
25X1D		
25X1A	,	KRUPA MRBM LAUNCH SITE 2 5249N Ø2445E
25X1D		HAZE PRECLUDES DETERMINATION OF CONSTRUCTION STATUS. COORDINATES CORRECTED TO 52-49-50N 024-45-55E.
25X1A	<i>*</i>	BREST MRBM LAUNCH SITE 1 5149N 02401E
s.		THE SITE IS CLEARLY OBSERVED AND APPEARS COMPLETE. THE 4 LAUNCH PADS ARE ELONGATED.
25X1D		

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25X1A		KAMCHATKA PENINSULA SUSPECT ABM AREA 5600N 16000E
		NO LAUNCH SITES. LARGE RADARS. OR ABM ASSOCIATED ACTIVITY OBSERVED. SCATTERED TO HEAVY CLOUD COVER EXTENDS OVER ENTIRE PENINSULA.
25X1D ·	· ·	
25X1A		MOLOTOV AIRCRAFT ENGINE PLANT STALIN 19 5759N Ø5614E
		NO CHANGE IN PLANT 19 EXCEPT FOR ONE NEW BUILDING APPARENTLY UNDER CONSTRUCTION. NO UNUSUALLY LONG RAIL CARS NOTED. SEE MOLOTOV 172 FOR INFORMATION ON STATIC TEST STAND.
25X1D		
25X1A		MOLOTOV ARMS PL MOTOVILIKHA MOLOTOV 172 5802N 05617E
25X1D		POOR IMAGE QUALITY PRECLUDES DETAILED ANALYSIS OF MOLOTOV ARMS PLANT 172. A ROAD-SERVED STATIC TEST STAND IS LOCATED AT 58-01N 056-34E
25X1D		10.5 NM EAST OF PERM (MOLOTOV). STAND IS RAMP SERVED AND SITUATED ON THE EDGE OF A RAVINE. IT HAS ASSOCIATED BUILDINGS SIMILAR TO KURUMOCH, OMSK, AND KRASNOYARSK. APPROXIMATELY 20-25 OTHER BUILDINGS ARE IN THE SECURED AREA WHICH IS ROAD AND RAIL SERVED.
25X1D	<i>,</i>	
25X1A	,	KRASNOYARSK STATIC TEST STAND 5605N 09327E
25X1D		NO APPARENT CHANGE IN ORIGINAL TEST STAND SINCE HAZE AND CLOUDS PREGLUDE DETAILED
25X1D		INTERPRETATION OF POSSIBLE SECOND TEST STAND UNDER
25X1D		CONSTRUCTION ON
25X1D		
25X1A		ZLATOUST ARMAMENTS PLANT 66 5510N 05938E
		PLANT AREA CLOUD COVERED. NO ROCKET ENGINE OR MISSILE TEST STANDS OBSERVED WITHIN 25 NM RADIUS OF ZLATOUST. NO UNUSUALLY LONG RAILROAD CARS NOTED.

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BONUS 2. BERESTECHKO MRBM LAUNCH SITE 5020N 02505E

THIS NEWLY-IDENTIFIED MRBM LAUNCH SITE IS LOCATED IN A FOREST 2 NM SW OF BERESTECHKO AT 50-20-15N 025-05-30E AND 7 NM NORTH OF THE NEWLY-IDENTIFIED MATCHING BRODY MRBM LAUNCH SITE. THE RAIL-SERVED CITY OF BRODY IS 15 NM TO SOUTH. THE RECTANGULAR SITE APPEARS COMPLETE AND CONSISTS OF 4 PADS. THE LONG AXIS OF WHICH IS ORIENTED IN A NE/SW DIRECTION. TWO POSSIBLE READY BUILDINGS ARE VISIBLE BETWEEN THE PADS. A HOUSING FACILITY IS LOCATED IMMEDIATELY SE OF THE PADS. AND A SUPPORT AREA IS SITUATED APPROXIMATELY ONE NM SE.

25X1D

AIRCRAFT

THE TYPE II WEAPONS SITE OBSERVED UNDER CONSTRUCTION ON

25X1A

SIAULIAI AIRFIELD 5553N Ø2323E

STANDARD TYPE II BUNKER.

25X1D

TALENT PHOTOGRAPHY AND ON LATER KEYHOLE COVERAGE IS COMPLETE. HOWEVER, A PROBABLE DOLON-TYPE (TYPE III) BUNKER HAS BEEN CONSTRUCTED IN LIEU OF THE

25X1B

25X1B

A NEWLY IDENTIFIED SECURED INSTALLATION APPROXIMATELY 1,700 X 1,150 FT IS LOCATED APPROXIMATELY MIDWAY BETWEEN THE STORAGE SITE AND THE LOADING AREA. THE INSTALLATION IS ROAD SERVED. IT CONTAINS A TOTAL OF 5 BUILDINGS, INCLUDING 2 LARGE RECTANGULAR BUILDINGS APPROXIMATELY 275 X 80 FT AND ONE SMALLER POSSIBLE DRIVE—THROUGH BUILDING APPROXIMATELY 160 X 40 FT.

SCATTERED CLOUDS PARTIALLY OBSCURE THE AIRFIELD.
AIRCRAFT OBSERVED AT THE AIRFIELD INCLUDE AT LEAST 5
LARGE SWEPT-WING AIRCRAFT.

25X1D

25X1A

25X2

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